

For Research Use Only

TIGAR Recombinant antibody, PBS Only (Capture)

Catalog Number: 85052-1-PBS



Basic Information

Catalog Number: 85052-1-PBS	GenBank Accession Number: BC012340	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57103	CloneNo.: 242625D10
Source: Rabbit	UNIPROT ID: Q9NQ88	
Isotype: IgG	Full Name: chromosome 12 open reading frame 5	
Immunogen Catalog Number: AG17532	Calculated MW: 270 aa, 30 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85052-1-PBS targets TIGAR as part of a matched antibody pair:

MP01803-1: 85052-1-PBS capture and 85052-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

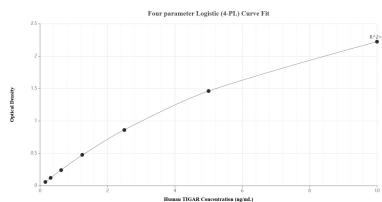
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

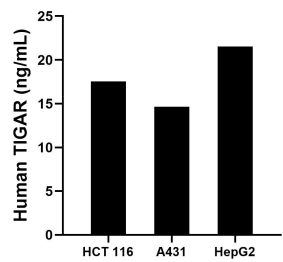
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

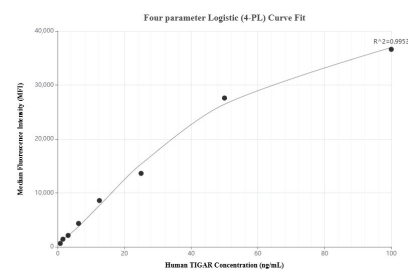
Selected Validation Data



Sandwich ELISA standard curve of MP01803-1, Human TIGAR Recombinant Matched Antibody Pair - PBS only. 85052-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17532. 85052-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean TIGAR concentration was determined to be 17.53 ng/mL in HCT 116 cell extract based on a 1.40 mg/mL extract load, 14.64 ng/mL in A431 cell extract based on a 1.30 mg/mL extract load and 21.52 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load.



Cytometric bead array standard curve of MP01803-1, TIGAR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85052-1-PBS. Detection antibody: 85052-2-PBS. Standard: Ag17532. Range: 0.781-100 ng/mL